



MINIMUM ELECTRICAL PLAN REVIEW SUBMITTAL REQUIREMENTS

CITY OF LONG BEACH

DEPARTMENT OF PLANNING & BUILDING
333 WEST OCEAN BOULEVARD • 4th Floor • LONG BEACH, CALIFORNIA 90802

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Submittals:

- ☐ Provide three (3) scaled copies of all electrical plans on sheets with a minimum size of 18" x 24".
- ☐ All plan sheets must be stamped and signed by the **Responsible Party***.
- ☐ If applicable, all State of California required **Title 24** documents, signed by the **Responsible Party***, shall be included on the plans.
- ☐ If applicable, include one copy of all State of California **Title 24** documents, **wet signed** by the **Responsible Party***, on 8½" x 11" sheets.

Re-submittals:

- ☐ Provide three (3) scaled copies of the corrected plans, stamped and signed by the **Responsible Party***, on sheets with a minimum size of 18" x 24".
- ☐ Include one copy of the plan check correction list.
- ☐ Include one copy of the plan check correction list response letter.
- ☐ If applicable, include one copy of all State of California required **Title 24** documents, corrected and **wet signed** by the **Responsible Party***, on 8½" x 11" sheets.

Revisions: (changes to previously approved plans)

- ☐ Provide one copy of all previously approved/stamped plan sheets.
- ☐ Provide three (3) scaled copies of all revised plans, stamped and signed by the **Responsible Party***, on sheets with a minimum size of 18" x 24".
- ☐ "Cloud and Delta" all revisions on the plans and provide a complete "revision" block.
- ☐ If applicable, include one copy of all State of California **Title 24** documents, revised and **wet signed** by the **Responsible Party***, on 8½" x 11" sheets.

***Responsible Party – Is a State of California licensed:**

- **Electrical Engineer, or**
- **Architect, or**
- **Design/Build Electrical Contractor**

ELECTRICAL PLANS SUBMITTED FOR PLAN CHECK APPROVAL SHALL BE DRAWN IN A WORKMANLIKE MANNER ON BLUEPRINT TYPE PAPER AND SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

- 1.) Complete scaled job layout showing locations of all electrical equipment and electrical wiring to same.
- 2.) Panel schedules and details including O.C. devices, bus rating, loads per phase and voltage system information.
- 3.) Service size and details including O.C. devices and grounding, complete with interrupting capacity calculations and single line diagram.
- 4.) Equipment intended to break current at fault levels shall have an interrupting rating sufficient for the system voltage and the available fault current at the line terminals of the equipment. Provide all pertinent "available fault current" (AIC) information and supporting documentation from the serving utility on the plan sheets and design accordingly (show all fault current calculations throughout).
If series rated equipment is to be used, include the following on the plan sheets:
 - a) Manufacturer's catalog sheets verifying an approved series rated system.
 - b) Component identification on the single line diagram to match the catalog sheets. Series interrupting rating, manufacturer and catalog name of components shall be included on the plans.
 - c) Note on the single line diagram stating that equipment with series rating applied will be field marked "*Caution Series Rated System Available. Identified Replacement Components Required*". (Per Section 110-22)
- 5.) Wire sizes, type, and insulation type /conduit sizes and type.
- 6.) Fixture schedule and support details.
- 7.) Graphical electrical symbol list.
- 8.) Indicate on plans, switch and receptacle heights per State of California disabled access requirements.
- 9.) Internally illuminated exit signs are required by the Long Beach Municipal Fire Code for an occupancy load of more than 50.
- 10.) Exit signs and lighting illumination per the UBC. Each of the required separate branch circuits or separate power sources will provide a minimum intensity of one foot candle at floor level along the entire egress path.
- 11.) Smoke detectors must be hard wired and interconnected to sound simultaneously in each dwelling unit. At least one smoke detector must be installed on each floor level and installed in each sleeping room and the hallway, or area giving access to same.
- 12.) Include a designated path of emergency egress on the plan sheets for all occupancies with a load of 100 persons or more.
- 13.) Electrical plans will be reviewed only after review fees have been paid.

Applicant Signature _____ Date _____